

Amendment And Response
Serial No. 10/053,301

In The Claims:

Please replace the previously presented claim set with the following replacement claim set:

Claims 1-46 (canceled)

47. (New) A biaxially stretched film having:

- (i) an overbias stretch profile, an overstretch stretch profile, or both an overbias and overstretch stretch profile;
- (ii) a final first direction stretch parameter that is less than a peak first direction stretch parameter, wherein the stretch profile passes through the peak first direction stretch parameter;
- (iii) a final first direction stretch parameter that is less than an uniaxial natural stretch parameter;
- (iv) a stretch profile wherein at least 75% of the final first direction stretch parameter is attained before no more than 50% of a final second direction stretch parameter is attained; and
- (v) a final first direction stretch parameter that is no greater than the final second direction stretch parameter.

48. (New) The biaxially stretched film of claim 47, further comprising a stretch profile wherein at least 90% of the final first direction stretch parameter is attained before no more than 50% of a final second direction stretch parameter is attained.

49. (New) The biaxially stretched film of claim 47, wherein the first direction is the machine direction (MD), and the second direction is the transverse direction (TD).

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50. (New) The biaxially stretched film of claim 47, further comprising a stretch profile wherein at least 100% of the final first direction stretch parameter is attained before no more than 50% of a final second direction stretch parameter is attained.

51. (New) The biaxially stretched film of claim 47, wherein the film has a final thickness of from about 0.020 mm to about 0.064 mm.

52. (New) The biaxially stretched film of claim 47, wherein the film comprises a thermoplastic film.

53. (New) The biaxially stretched film of claim 47, wherein the film comprises a thermoplastic film containing a polyester, a polyamide, a thermoplastic polyimide, a polyarylether ketone, an aliphatic polyketone, a polyphenylene sulfide, an isotactic or syndiotactic polystyrene, a polyacrylate, a polymethacrylate, a cellulose derivative, a polyethylene, a polyolefin, a fluorinated polymer or copolymer, a polyvinylidene chloride, a polyacrylonitrile, a polyvinylacetate, or a polyether.

54. (New) The biaxially stretched film of claim 47, wherein the film comprises an isotactic polypropylene film.

55. (New) The biaxially stretched film of claim 54, wherein the isotactic polypropylene film has a tensile elongation to break of at least 115%, and a tensile volumetric energy to break of at least 18,000 in-lb/in³.

56. (New) The biaxially stretched film of claim 55, wherein the isotactic polypropylene film has a machine direction (MD) tensile elongation to break of from about 122% to about 164%, and a machine direction (MD) tensile volumetric energy to break of from about 18,500 in-lb/in³ to about 28,200 in-lb/in³.

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57. (New) The biaxially stretched film of claim 54, wherein the isotactic polypropylene film has a machine draw ratio (MDR) relative standard deviation of less than about 9.4%.

58. (New) A tape comprising a film backing and an adhesive layer on a first surface of the film backing, wherein the film backing comprises the biaxially stretched film of claim 47.

59. (New) The tape of claim 58, further comprising a release layer on a second surface of the film backing opposite the first surface of the film backing.

60. (New) A biaxially stretched polypropylene film having:

(i) an overbias stretch profile, an overstretch stretch profile, or both an overbias and overstretch stretch profile;

(ii) a final first direction stretch parameter that is less than a peak first direction stretch parameter, wherein the stretch profile passes through the peak first direction stretch parameter;

(iii) a final first direction stretch parameter that is less than an uniaxial natural stretch parameter;

(iv) a stretch profile wherein at least 75% of the final first direction stretch parameter is attained before no more than 50% of a final second direction stretch parameter is attained; and

(v) a final first direction stretch parameter that is no greater than the final second direction stretch parameter.

61. (New) The biaxially stretched polypropylene film of claim 60, wherein the film comprises an isotactic polypropylene film.

62. (New) The biaxially stretched isotactic polypropylene film of claim 61, wherein the film has a tensile elongation to break of at least 115%, and a tensile volumetric energy to break of at least 18,000 in-lb/in³.

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63. (New) The biaxially stretched isotactic polypropylene film of claim 62, wherein the film has a machine direction (MD) tensile elongation to break of from about 122% to about 164%, and a machine direction (MD) tensile volumetric energy to break of from about 18,500 in-lb/in³ to about 28,200 in-lb/in³.

64. (New) The biaxially stretched isotactic polypropylene film of claim 61, wherein the film has a machine draw ratio (MDR) relative standard deviation of less than about 9.4%.

65. (New) The biaxially stretched polypropylene film of claim 60, further comprising a stretch profile wherein at least 90% of the final first direction stretch parameter is attained before no more than 50% of a final second direction stretch parameter is attained.

66. (New) The biaxially stretched polypropylene film of claim 60, wherein the first direction is the machine direction (MD), and the second direction is the transverse direction (TD).

67. (New) The biaxially stretched polypropylene film of claim 60, further comprising a stretch profile wherein at least 100% of the final first direction stretch parameter is attained before no more than 50% of a final second direction stretch parameter is attained.

68. (New) The biaxially stretched polypropylene film of claim 60, wherein the film has a final thickness of from about 0.020 mm to about 0.064 mm.

69. (New) A tape comprising a film backing and an adhesive layer on a first surface of the film backing, wherein the film backing comprises the biaxially stretched polypropylene film of claim 60.

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70. (New) The tape of claim 69, further comprising a release layer on a second surface of the film backing opposite the first surface of the film backing.

71. (New) A tape comprising a film backing and an adhesive layer on a first surface of the film backing, wherein the film backing comprises a biaxially stretched film having an overbias stretch profile, an overstretch stretch profile, or both an overbias and overstretch stretch profile.

72. (New) The tape of claim 71, wherein the film backing comprises a biaxially stretched film having:

- (i) a final first direction stretch parameter that is less than a peak first direction stretch parameter, wherein the stretch profile passes through the peak first direction stretch parameter;
- (ii) a final first direction stretch parameter that is less than an uniaxial natural stretch parameter;
- (iii) a stretch profile wherein at least 75% of the final first direction stretch parameter is attained before no more than 50% of a final second direction stretch parameter is attained; and
- (iv) a final first direction stretch parameter that is no greater than the final second direction stretch parameter.

73. (New) The tape of claim 72, wherein the film backing further comprises a stretch profile wherein at least 90% of the final first direction stretch parameter is attained before no more than 50% of a final second direction stretch parameter is attained.

74. (New) The tape of claim 72, wherein the first direction is the machine direction (MD), and the second direction is the transverse direction (TD).

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75. (New) The tape of claim 72, wherein the film backing further comprises a stretch profile wherein at least 100% of the final first direction stretch parameter is attained before no more than 50% of a final second direction stretch parameter is attained.

76. (New) The tape of claim 71, wherein the film backing comprises an isotactic polypropylene film.